

**REMARKS**

By this amendment, claims 69, 87 and 103 have been amended. Accordingly, claims 13-18, 29-34, 47-74, 81-90, and 97-125 are currently pending in the application, of which claims 13, 69, 87 and 104 are independent claims. Applicants appreciate the indication that claims 110-115 and 120-125 contain allowable subject matter. Applicants also appreciate the indication that claims 13-18, 29-34, 47-52, 63-68, 81-86 and 97-102 are allowed.

Applicants respectfully submit that the above amendments do not add new matter to the application and are fully supported by the specification.

No new matters are believed to be added by these Amendments. In view of the above amendments and the following Remarks, Applicants respectfully request reconsideration and timely withdrawal of the pending objections and rejections for the reasons discussed below.

***Claim Objection***

In the Office Action, Claims 75-80, 91-96, 110-115 and 120-125 were objected to as being dependent upon a rejected base.

Claims 75-80 have been cancelled.

Claims 110-115 depend from claim 104, which, as discussed below, Applicants respectfully submit is patentable over the prior art of record.

***Rejections Under 35 U.S.C. §102***

Claims 69-74, 87-90, 103-109 and 116-119 stand rejected under 35 U.S.C. §102(e) as being anticipated by U. S. Patent No. 6,555,253 issued to Hamada, *et al.* ("Hamada").

Applicants respectfully traverse this rejection for at least the following reasons.

Claims 68 and 87 have been amended to incorporate elements that have been indicated as allowable in other claims. Therefore, Applicants respectfully submit that claims 68 and 87, and that claims that depend from them, are patentable over the prior art of record, and that the rejection of these claims be withdrawn.

With respect to claim 104, Applicants respectfully submit that the prior art of record does not disclose each and every element of the claim. More specifically, Applicants submit that in Hamada, the BeBq2 is used as an electron transporting layer. This is clearly shown, for example, with reference to Example 11 in Hamada, the BeBq2 is identified as the electron transporting layer 5. (Hamada, col. 20, lines 10-12) This is not an electron injecting layer. In fact, Hamada specifically identifies in this Example 11 a separate electron injection electrode 6 made up of a magnesium-aluminum alloy. (Hamada, col. 20, lines 13-15).

Thus, the electron transporting layer is different than electron injection layer in Hamada, and the inherency alleged by the Office Action has clearly not been demonstrated. Therefore, for at least this reason, Hamada does not disclose every element of claim 104. Accordingly, Applicants respectfully request withdrawal of the 35 U.S.C. §102(e) rejection of claims 104-109 and 116-119. Since none of the other prior art of record discloses or suggests all the features of the claimed invention, Applicants respectfully submit that independent claim 104, and all the claims that depend therefrom are patentable over the prior art of record.


**CONCLUSION**

Applicants believe that a full and complete response has been made to the pending Office Action and respectfully submits that all of the stated objections and grounds for rejection have been overcome or rendered moot. Accordingly, Applicants respectfully submit that all pending claims are allowable and that the application is in condition for allowance, and request that the objections and rejections be reconsidered and withdrawn.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact the Applicants' undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,



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Date: August 6, 2004

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